

CAMP CROFT RESTORATION ADVISORY BOARD MEETINGS

PLACE: Marriott Renaissance Hotel
Spartanburg, South Carolina

DATE AND TIME: Thursday, February 6, 2020
6:30 p.m. to 7:35 p.m.

REPRESENTATIVES: Ray Livermore
US Army Corps of Engineers
Wilmington District

Tess Rottero
Senior Project Manager
USA Environmental, Inc.

BOARD MEMBERS

PRESENT: Gary Hayes, Chair
James Herzog
Tim Ritter, Park Service

ALSO PRESENT: Kent Krieg

INDEX

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

Welcome by Mr. Hayes.....3

New Business

 Addition of State Regulator to RAB

 Camp Croft FUDS Update

 Public Education Tools

Adjourn.....

Certificate of Reporter

REPORTED BY: Pamela F. Green
 Depositions...And
 1200 Woodruff Road
 Greenville, SC

1 BY MR. HAYES:

2 We want to welcome everybody out tonight. It's
3 been a bad day all around town weather-wise.
4 We appreciate you coming out.

5 This is the Camp Croft RAB meeting. I
6 guess everybody here is here for the RAB
7 meeting. When you want to say something, raise
8 your hand and you'll be recognized. State your
9 name. We record names up here. It will be all
10 in the transcript of the meeting. Try to keep
11 all questions and comments to the subject at
12 hand and things will flow good.

13 All right. New business. It says
14 addition of state regulator to the RAB.

15 Are you handling that?

16 BY MR. LIVERMORE:

17 I'll lead the discussion on it. This is a
18 topic that I've talked with Kent Krieg who's
19 the South Carolina DHEC regulator for the Camp
20 Croft -- for the FUDS program in South
21 Carolina. We both felt it would be good,
22 because the state is obviously the stakeholder
23 in regards to the work that's being done on the
24 FUDS project, to be a RAB member. My
25 familiarity with the RAB -- with RABs that have

1 been created at other FUDS projects is that the
2 state is always one of the members of the RAB.
3 So that's why I'm proposing it to the RAB
4 members themselves as far as inclusion of the
5 state position on the RAB. I'm just throwing
6 that out there for the RAB to go ahead and vote
7 on it. I don't know anything else to say.

8 I know we talked about it, Kent. Anything
9 else that you can think of? When you talk
10 about -- it's not necessarily Kent but the
11 position itself within DHEC as far as having
12 somebody from DHEC participate on the RAB.

13 BY MR. HAYES:

14 I don't see the logic of it. I think it would
15 be better to keep it separate, and we almost
16 pulled teeth to get the state park
17 representative because he worked with the state
18 when we first started the RAB.

19 Also, I think the RAB decision-making
20 should be separate from DHEC just like you're
21 not a member of RAB yourself, I'm talking about
22 Corps of Engineers is not a member of the RAB.
23 I don't really understand why -- I just don't
24 understand what the purpose of it would be. I
25 know, for instance, I like to keep things -- I

1 want to try to bring more people into the
2 meetings and develop more trust with the
3 community. I thought that was one reason we
4 have a RAB is the RAB represents the community
5 and not the state, whereas the park ranger
6 represents part of the community because the
7 state park is a part of the community and
8 belongs to the state.

9 But I just keep thinking about some of the
10 landowners, which we represent, have been lied
11 to a lot by the Corps of Engineers, by Zapata
12 Engineering, and by DHEC. I don't think that
13 being lied to, I don't think that's keeping
14 things honest as far as the RAB goes.

15 I'm really surprised with the thought of
16 including them on the board since they're a
17 state agency. Nothing to your --

18 BY MR. KRIEG:

19 I can add to what Ray was discussing. A lot of
20 the other RABs in South Carolina, DHEC in our
21 circle of process, you know, as the regulators
22 for the work that the Corps is doing so a lot
23 of the other RABs, a DHEC member is on -- sits
24 on the RAB just as a state corps to help add to
25 the discussion and everything. We're still

1 going to regulate, you know, review documents
2 and everything, and work with the Corps of
3 Engineers outside of the RAB. We had thought
4 that we could be of benefit, and they gave me
5 and Ray and the other RABs that we know of, we
6 were going to propose it if you're interested.

7 BY MR. HAYES:

8 Who was representing DHEC when they cleaned up
9 the Harold Campbell property, was that you or
10 your predecessor?

11 BY MR. KRIEG:

12 Susan Byrd was my predecessor. So I don't
13 know. I think she attended most of the RABs.
14 Usually we're sitting out in the audience.

15 BY MR. HAYES:

16 She attended a lot of the RAB meetings for a
17 long period time, and then she retired, right?

18 BY MR. KRIEG:

19 Correct.

20 BY MR. HAYES:

21 But, you know, I just know that he was lied to.
22 He was told that they would put his property
23 back exactly as it was, and they didn't. He
24 had to sue them, and they still didn't put it
25 back the way it was. The way they tore it up,

1 BY MR. LIVERMORE:

2 I'm just saying that happened before we were on
3 the project so I can't control what happened
4 previously. It's a shame that those type
5 things occurred.

6 BY MR. HAYES:

7 What was the date of the last clean-up.

8 BY MR. LIVERMORE:

9 I don't know. I wasn't involved in the project
10 then.

11 BY LT. DYAS:

12 It was 2014.

13 BY MR. HAYES:

14 I thought you were with the group then.

15 BY MR. LIVERMORE:

16 No, I wasn't.

17 BY MR. HAYES:

18 Well, it was just like I was thinking on the
19 way up here, I didn't know anything about this.
20 It's the first I've heard of it when I saw the
21 agenda when it was emailed to me. What I got
22 to thinking was, you know, when you have a
23 business or something you decide whether you
24 want to get incorporated or not. I remember
25 what a lawyer always told me, "You can always

1 incorporate, but it costs you a hell of a lot
2 of money to unincorporate. So if you get
3 somebody on the board you play hell getting
4 somebody off the board."

5 But I don't see -- like I said, it's
6 nothing against you. I just don't understand
7 what could be accomplished by putting somebody
8 from DHEC on the board that they can't
9 accomplish being their own entity and not being
10 on the board. It just doesn't make sense to
11 me.

12 Jim, do you have any comment on it?

13 BY MR. HERZOG:

14 I understand what you're saying for a couple of
15 points. Number one, it would mandate that a
16 representative from DHEC be at the meetings
17 when we have them to give advice to us and the
18 public.

19 We don't have much, if any, jurisdictional
20 authority anyway. It's all under the guise of
21 the Corps. If the Corps thinks it would be
22 beneficial to have a representative of DHEC
23 because the overall circle is an environmental
24 type operation, I have no problem one way or
25 another. I don't have a problem having extra

1 people on the board.

2 BY MR. HAYES:

3 The board represents the community. Anybody in
4 the community got any comment on this?

5 BY LT. DYAS:

6 I'd say they don't understand what does DHEC
7 bring to the board. Maybe that question needs
8 to be asked and answered so that -- to get a
9 better understanding of what DHEC would be
10 doing by being on the board to the community.
11 What would their function be? What would they
12 be able to bring to the board to help the
13 community out? If that question is asked and
14 answered it would give a better understanding.

15 BY MR. KRIEG:

16 You know, I think, you know, as a
17 representative of DHEC as a state agency, the
18 role is to -- you know, I work with the Corps
19 of Engineers. We're regulators. We represent
20 the citizens of the state of South Carolina,
21 so the local public. I know for -- the RAB
22 members aren't necessarily subject experts for
23 everything that's being discussed. You guys
24 usually get -- you've got to see the documents,
25 get updated as RABs. Part of the role of DHEC

1 is to be the subject matter experts.

2 In terms of, you know, specifically
3 bringing to the RAB, again, I've been coming to
4 the RAB meetings since I've been in my
5 position. My predecessor came to the RAB
6 meetings before. You know, I sat out there. I
7 don't know if there's necessarily any
8 additional thing besides I could be up here and
9 people could ask direct questions, or you guys
10 could get my input rather than talking out into
11 the audience if you wanted to get a DHEC input
12 as a stakeholder through the process. I don't
13 know if that answers the question.

14 BY MR. LIVERMORE:

15 Does that answer the question?

16 BY LT. DYAS:

17 Yes.

18 BY MR. LIVERMORE:

19 Kent had alluded, they are stakeholders for the
20 fact that their interest is the people in the
21 state of South Carolina. Locally we're talking
22 about folks that live here in Spartanburg, the
23 Camp Croft area. So they are stakeholders in
24 that regard as far as the interest of the
25 private citizens that live here.

1 BY MR. HAYES:

2 I get people that come out of the woodwork and
3 talk to me sometimes, and one of the things
4 that people have talked to me about recently is
5 that DHEC is coming on their property to
6 condemn their lake. The lake's been on their
7 property for centuries or something and they
8 want to tear the dam down, and I just don't
9 think it's opening up a dialogue with people
10 when they don't want people on their property
11 or know anything about what's going on on their
12 property.

13 You understand what I'm talking about?

14 BY MR. KRIEG:

15 I understand. I mean it's a different section,
16 the dam section that is at DHEC. You know,
17 that's a separate issue.

18 I think one other thing I might be able to
19 bring to the RAB, but I think it's always been
20 out there, it might open up the communication
21 lines a little bit easier for discussion
22 between us and -- me and the RAB members. I've
23 already handed out business cards, you know.
24 As a state employee you can always call me or
25 e-mail me and I'll respond to it as well. That

1 might be an added benefit.

2 BY MR. LIVERMORE:

3 Tim, do you have any thoughts?

4 BY MR. RITTER:

5 Yeah. I mean I don't know specifically if I
6 have thought about DHEC being on the board or
7 not, but I've been the park manager at Croft
8 for just over two years now, and I've been
9 learning a lot over the last two years about
10 this whole process.

11 I do feel that Kent specifically has been
12 one of the best minds in the meetings that
13 we've had to help us get through anything
14 that's been complicated. I like the idea of
15 having his input. I think it could help move
16 things forward and help to mediate between the
17 board and the public that comes out.

18 I have no idea who's going to be his
19 replacement, or how long he would be the one
20 who would be on the board. But I at least -- I
21 think we could let Kent on the board.

22 BY MR. KRIEG:

23 And he's referencing the fact that I got
24 promoted so I'm now the section manager of our
25 section. So eventually I'll be filling my own

1 vacancy. Which is why Ray was saying that it
2 would be the FUD project manager that he would
3 propose being added to the board not --

4 BY MR. RITTER:

5 I feel like in his position he's been a good
6 voice of reason that helps to mediate between
7 the stakeholders and the Army Corps of
8 Engineers. I think it's been very helpful, so.

9 BY MR. HAYES:

10 Miss Byrd did a lot of that too. She was real
11 good with what she did.

12 You got something else, Jim?

13 BY MR. HERZOG:

14 For any work being done probably privately, who
15 issues the permit in the state of South
16 Carolina?

17 BY MR. LIVERMORE:

18 Well, there's no permit that's required for the
19 work. The fact that the regulatory framework
20 is being done under a CERCLA, that eliminates
21 the need for permits.

22 BY MR. HAYES:

23 Anybody else got any discussion on this? What
24 do you --

25 BY MR. LIVERMORE:

1 I'll say there's probably two methods that we
2 can go forward with. Either you vote now or we
3 could vote via communication after the meeting
4 if you want to allow Colonel Gossett to vote as
5 well.

6 BY MR. HERZOG:

7 Say again.

8 BY MR. LIVERMORE:

9 There are two options that we could move
10 forward with the possible inclusion of DHEC on
11 the RAB. We could either vote now with the
12 members that are here, or we could vote via a
13 communication after the meeting and that would
14 include Colonel Gossett as well.

15 BY MR. HERZOG:

16 I don't have no problem welcoming DHEC as a
17 member to the board at all.

18 BY MR. RITTER:

19 I think it would be beneficial to have the DHEC
20 member on the board. I don't -- I mean unless
21 we hear more negatives, if there's significant
22 negatives to it, then obviously we'd need to
23 discuss it. I don't know if we can use the
24 past actions of an individual to determine it's
25 not good to add DHEC to the board.

1 BY MR. LIVERMORE:

2 I could reach out to Colonel Gossett after the
3 meeting.

4 BY MR. HAYES:

5 Did anybody notify him of the meeting?

6 BY MR. LIVERMORE:

7 Well, we sent out the cards and the notice was
8 put in the newspaper.

9 BY MR. HAYES:

10 The storm might have kept him. When is the
11 next meeting?

12 BY MR. LIVERMORE:

13 The first Thursday in May, I think, based on
14 the schedule.

15 BY MR. HAYES:

16 You want to announce it at the next meeting?

17 BY MR. LIVERMORE:

18 I'm sorry, it would be June, right?

19 BY MS. ROTTERO:

20 No, May.

21 BY MR. LIVERMORE:

22 We do it quarterly?

23 BY MS. ROTTERO:

24 Yes, we do it quarterly, sir. It will be May
25 7th.

1 BY MR. HAYES:

2 You want to announce it at the next meeting?

3 BY MR. LIVERMORE:

4 I can speak with Colonel Gossett after the
5 meeting.

6 BY MR. HAYES:

7 Everybody understand what we're going to do?

8 BY MR. HERZOG:

9 What are we doing?

10 BY MR. LIVERMORE:

11 It sounds like Tim and yourself have voted yes
12 to include DHEC on the board.

13 I infer, Gary, by your statement that
14 you've that you would vote against it. I'll
15 get in contact with Colonel Gossett after the
16 meeting.

17 BY MR. HAYES:

18 My statement involves what other people tell
19 me. I think that, just like Tim said, we don't
20 know what might come out that other people
21 might -- I encourage anybody if they talk to
22 anybody to let us know, positive or negative,
23 what you think or whatever, but definitely talk
24 to Colonel Gossett and we can -- I don't think
25 it's a big rush.

1 BY MR. LIVERMORE:

2 Okay.

3 BY MR. HAYES:

4 That solved that. Appreciate it.

5 Okay. Camp Croft FUDS update.

6 BY MR. LIVERMORE:

7 The updates. So what I've handed out to each
8 one of you is to sort of refresh our memories
9 because it's been about a year since we had our
10 last RAB meeting. So this figure I handed out
11 identifies the different projects that we
12 created as a result of the remedial
13 investigation and feasibility study. And so
14 the update I'm going to give will be broken
15 into the individual projects and the two
16 projects, if you recall, Project 03 which was
17 the munitions debris areas, and Project 05, the
18 range complex remaining areas. The remedy that
19 was approved for those projects was public
20 education and so that -- the type of items that
21 we talked about as far as public education that
22 was going to be included in that remedy would
23 be some type of signage and brochures.
24 Basically items to inform the public of the
25 potential hazard at those projects. We have a

1 couple of examples at the back of the room. A
2 couple of signs that we've discussed
3 internally, and we've met with the park service
4 a couple of times to basically illustrate these
5 types of examples that we're looking at to get
6 feedback from the park service as well.

7 There's another example of a possible kiosk to
8 be installed at the park as well.

9 So where we are on those two projects is
10 we award a contract in the fourth quarter of
11 FY'19 for implementation of the remedial
12 action, which is public education. As I
13 mentioned, there are a couple of different
14 examples in the back of the room that we
15 drafted at this point.

16 So the schedule going forward right now is
17 to finalize the signage and brochures after the
18 May RAB meeting. We'll obviously have, you
19 know, any feedback that we have after a couple
20 of RABs on those items, and then to install the
21 signage in July 2020. So we'll coordinate with
22 the park service because that's the primary
23 area, or that's really the only public area,
24 land area, that we would be able to install
25 signage. So we'll coordinate that effort with

1 the park services as far as the type of signs
2 and where the signs will be installed.

3 BY MR. HAYES:

4 And who is that awarded to?

5 BY MR. LIVERMORE:

6 USA Environmental is the contractor that was
7 awarded to.

8 So that's the update for those two
9 projects.

10 BY MR. HAYES:

11 How long does that last, is it a thirty-year
12 contract?

13 BY MR. LIVERMORE:

14 No, the contracts are five years in duration as
15 far as period of performance. I can't recall
16 -- any folks out there from the corps? I don't
17 know if it's a shorter period of performance or
18 not. Usually the maximum is five years.

19 Drew?

20 BY DREW THOMPSON:

21 Drew Thompson. I believe it's four years.

22 BY MR. LIVERMORE:

23 Any other questions on those project updates?

24 BY MR. HAYES:

25 If a landowner doesn't want those on their

1 property, they gotta a say-so?

2 BY MR. LIVERMORE:

3 Yeah. We're not attempting to put signs on
4 landowners' property because in every instance
5 I've been involved in, there are no landowners
6 that want those signs on their property. We
7 are only entertaining the areas that falls on
8 the park boundaries as far as installing
9 signage.

10 BY MR. HAYES:

11 Open to the public. No expense to the park?

12 BY MR. LIVERMORE:

13 Correct. Any other questions?

14 Okay. I'm going to jump to Project 07
15 because that is the next project where we have
16 done the most work. So Project 07, if y'all
17 recall, is the maneuver area across state park
18 which is the blue area on the figures I
19 provided y'all. We've had a couple of meetings
20 with the South Carolina Park Service to discuss
21 the remedial action implementation. We have
22 sent a request for proposals looking at like
23 '20 second quarter, third quarter awards.
24 Second quarter awards is what the plans are,
25 and the effort going forward with -- like I

1 say, we've had several meetings with park.
2 Because of the nature of the park, we do not
3 desire to clear-cut the park. Obviously, that
4 would not be beneficial for what purpose the
5 park serves.

6 So we're looking at sections of the park
7 as far as implementing remedial action which
8 includes, obviously, clearing brush to allow us
9 to use the geophysical equipment to survey and
10 find potentially unexploded ordnance items. So
11 we're looking at doing, I think it's probably
12 hundred acre sections or thereabouts,
13 approximately that type of acreage for sections
14 throughout the park to perform remedial action.

15 So we're talking several years to
16 implement the remedy for these areas. It's
17 certainly a long-term activity that would occur
18 to implement the entire -- or the remedial
19 action for the entire park. But that's where
20 we stand on that project.

21 One other sort of change that we've had to
22 that effort as well is after discussion with
23 several of the consultants and experts within
24 the Corps of Engineers, we have come to realize
25 that the original proposal of unrestricted use/

1 unlimited exposure, basically being able to
2 clear the entire area, is just not feasible
3 because of the fact that we have physical
4 impediments that we would not be able to reach
5 that level.

6 We are looking at using a couple of
7 different methods. One of them is doing a
8 combination of the advanced geophysical
9 classification, which we talked about
10 previously, as far as the remedy that proposed
11 for most of these areas. And then also using
12 some of the analog equipment which allows us to
13 get to some of the tougher areas as far as
14 terrain, or just some of the areas where we
15 have some physical impediments as far as being
16 able to implement the remedy. So most likely
17 we will have some type of public education that
18 will have to be implemented in addition to the
19 actual clearing. That's a result of because
20 we're not going to be able to survey underneath a
21 building or some type of other physical
22 structures. So that's the other change that
23 we're having to implement for that effort for
24 the parks.

25 BY MR. HAYES:

1 Tim, could you tell the group what's in that
2 area?

3 BY MR. RITTER:

4 That's Project 7?

5 BY MR. HAYES:

6 Yes.

7 BY MR. RITTER:

8 Project 7, as you see on our maps that we've
9 got here, is approximately twelve hundred
10 seventy-seven acres. Most of that is just
11 wooded area where there's no trails or any use
12 there. We have a few cultural sites that are
13 some of the old homesteads that used to be
14 there. As far as we know, we don't have any
15 endangered species or anything like that, but
16 they're working diligently to make sure that
17 they don't encounter any of those kinds of
18 things while they're doing the survey. We do
19 have a few facilities there in some of those
20 areas also.

21 BY MR HAYES:

22 What type facilities are they?

23 BY MR. RITTER:

24 Let's see. We've got a number of different
25 facilities in there. There's three different

1 main sections of Project 7. One includes the
2 section of the rifle range that's managed by
3 DNR.

4 Another section includes our two
5 campgrounds and bathrooms and horse arena and
6 horse stalls and the office, and things like
7 that. And my house is in there also. We've
8 got a number of different facilities in that
9 area.

10 BY MR. HAYES:

11 The main road coming in and out is part of
12 that?

13 BY MR. RITTER:

14 On either side, yeah. Not the entire thing.
15 There's certain sections that are not included,
16 but certain sections of the main road on both
17 sides are included.

18 BY MR. HAYES:

19 That's one space with the little circle, what
20 is in there?

21 BY MR. RITTER:

22 That's down where the rifle range is at.

23 BY MR. HAYES:

24 What did they find down there?

25 BY MR. LIVERMORE:

1 I've had -- I don't remember. I'll look it up.

2 BY MR. HAYES:

3 So funds have been allocated for people to be
4 working on that now?

5 BY MR. LIVERMORE:

6 We're hoping to award the contract by the end
7 of the second quarter.

8 BY MR. HAYES:

9 But are they doing work now?

10 BY MR. LIVERMORE:

11 We're trying to get the contract awarded.

12 BY MR. HAYES:

13 Y'all just work off your budget?

14 BY MR. LIVERMORE:

15 Correct, in-house. It's basically the folks
16 that are working on the request for proposal
17 and independent government estimate that we
18 have to use to negotiate with contractors prior
19 to the award.

20 BY MR. HAYES:

21 Anybody have any questions on that matter?

22 BY MR. HERZOG:

23 I have a question. Are you able to pinpoint,
24 or will you shortly be able to pinpoint the
25 hundred to two hundred-acre initial parcel in

1 Project 7, is Dairy Ridge Road and this is the
2 main drag into the park.

3 Is it over here or here?

4 BY MR. LIVERMORE:

5 It's in this area here.

6 BY MR. HERZOG:

7 Okay.

8 BY MR. LIVERMORE:

9 We have some figures that we are looking at as
10 far as those specific areas and what kind of
11 sequence that we will be following. As soon as
12 that information is released to the public, I
13 will provide that information to you.

14 BY MR. HERZOG:

15 Start north and work south.

16 BY MR. LIVERMORE:

17 I don't know if that is necessarily the
18 sequence we will follow, but we're continuing
19 to discuss with the park service as far as what
20 is the best sequence to not interrupt their
21 operations. So there are other factors that
22 we're trying to consider as far as the sequence
23 of the work.

24 BY MR. HERZOG:

25 Generally speaking, it would be on one side or

1 the other, or maybe both, but the geographic
2 area that's near the main entrance.

3 BY MR. LIVERMORE:

4 That's what we're looking at.

5 BY MR. HERZOG:

6 Okay.

7 BY MR. LIVERMORE:

8 The next project that -- as far as the progress
9 that we've made are Project 06, the rocket and
10 rifle grenade area which is sort of the peach
11 orange color on the northeast corner of the map
12 that you have, and the 60 millimeter mortar
13 area Project 11 which is the blue area in sort
14 of the southeast portion of the figure.

15 So both of those projects, the decision
16 documents, were approved in May of 2019. We
17 have, as in the Corps of Engineers has been in
18 the field trying to obtain rights-of-entry from
19 the property owners to be able to implement the
20 remedial action. The term rights-of-entry,
21 that is basically a form with the government
22 and the property owner basically giving the
23 Department of Defense the permission to enter
24 their property and implement the activities
25 that are identified in that agreement.

1 So the plan to award contracts to
2 implement the remedial action for those
3 projects in FY'21.

4 Am I speaking correctly on that, or do we
5 know any other information on that? Wendell.

6 BY WENDELL HARDWICK:

7 Wendell Hardwick with the Corps of Engineering.
8 Because of the timing of the completion of the
9 feasibility study, and the decision to use the
10 geophysical classification on both sites going
11 forward, we're implementing a remedial design
12 phase between now and then. I've asked
13 Huntsville to be prepared next year to award a
14 contract on remedial design on six, eight, nine
15 and ten. We'll do that before we try to award
16 a contract for remediation.

17 BY MR. HAYES:

18 Six, eight, nine and ten?

19 BY MR. LIVERMORE:

20 Six, eight, nine and ten.

21 So the three that I haven't spoken to at
22 this point where we have recommended some type
23 of action moving forward are Projects 8, 9 and
24 10, and those are respectively 60/81 Mortar
25 Area, Project 08 which is sort of the light

1 greenish area. Project 09 is the Grenade
2 Maneuver Area, and that is the pink area to the
3 east. Project 10, which is the 105 millimeter
4 area and that's the orange area to the
5 southeast.

6 So those three projects the Corps of
7 Engineers is currently addressing internal
8 comments on the decision documents for those
9 projects. We are anticipating resolving those
10 comments and getting those decision documents
11 signed. I guess we're hoping probably by the
12 end of third quarter, guys -- second quarter on
13 that one as well.

14 Similar to what I mentioned as far as the
15 -- having to make some changes in regards to
16 the implementation at the park, those three
17 Projects, 08, 9 and 10, we are looking at using
18 a combination of advanced geophysical
19 classification and analog equipment, again,
20 because of physical impediments, structures
21 that exist, or other type of impediments that
22 just aren't going to allow us to get to a --
23 what we call unrestricted use, unlimited
24 exposure scenario. So we will use a
25 combination of that equipment and there will

1 probably be some type of public education
2 associated with a remedy for this project.

3 The other projects that I have mentioned
4 previously, Projects 06 and 11, we are still
5 moving forward with the unrestricted use,
6 unlimited exposure on those. All of these
7 remedies are dependent on what we find when we
8 get in the field. If there are physical
9 impediments that we just can't clear those
10 areas, then that obviously would not be an
11 unrestricted use, unlimited exposure type
12 situation. You would have to have some type of
13 public education.

14 BY MR. HAYES:

15 Is there any point where you start going in,
16 you start finding stuff, you have to take trees
17 down?

18 BY MR. LIVERMORE:

19 Well, part of the actual remedy requires at a
20 minimum the brush clearance in some of these
21 areas. That does include removing some of the
22 small trees, those saplings that are probably
23 smaller than three inches in diameter.

24 Typically we don't remove the larger trees as
25 part of that effort.

1 Drew, do you have anything to add on that?

2 Is that typically correct?

3 BY MR. THOMPSON:

4 Yeah, that's typically correct. The park
5 service has given us a basal area calculation
6 that calculates the square area of trees
7 remaining on the side. In general you can go
8 by that rationale, two to three inches.

9 BY WENDELL HARDWICK:

10 Wendell Hardwick from the Corps of Engineers.
11 We have recently implemented some new policies
12 that require us to engage stakeholders, and try
13 to talk about situations such as vegetation
14 removal, or other things before we try to
15 solicit contracts. We would have to have
16 buy-in from each of the individual property
17 owners as to what they will allow us to do and
18 not allow us to do to avoid situations like was
19 described earlier.

20 In order to implement a remedy we need to
21 remove the underscoring to be able to use the
22 equipment. When they use the equipment if they
23 find an anomaly underneath the tree, we would
24 either have to remove that tree or have that as
25 one of those impediments that we would describe

1 as a data gap that would prevent us from
2 achieving the remedy that was the objective of
3 that particular project.

4 So there's lots of discussions and
5 negotiations that have to go on with individual
6 property owners before the remedy can go
7 forward.

8 In the case of Project 7 we have one
9 property owner, and we've worked with them on
10 what vegetation they're going to allow us to
11 remove, and we're doing it in phases and we're
12 going to do it in phases in a way that would
13 allow them to see what we need to do in order
14 to achieve our objectives.

15 BY MR. LIVERMORE:

16 I think it's important to stress the point that
17 Wendell was making in regards to the element of
18 private property landowners. We have to get
19 permission to go on the property. There are
20 negotiations that are done with them as far as
21 the rights-of-entry and what is permitted on
22 the property. That is our requirement before
23 we do anything on the property is to get that
24 agreement in place. Certainly we don't want to
25 have a repeat of some of the incidents that you

1 were talking about before. That doesn't do
2 anybody any good. We have to address the
3 potential items that are.

4 BY MR. HAYES:

5 It gives the whole project a bad name.

6 BY MR. LIVERMORE:

7 Right. We certainly would like to avoid that.
8 We will certainly have discussions with
9 individual property owners and make sure it's
10 clear as far as the efforts that will be
11 conducted on their property.

12 BY MR. HAYES:

13 I saw some experiments out on the park before
14 Tim came, but they would go out and just make a
15 small fence around those small areas. It might
16 be half the size of the width of this room or
17 something like that. It might be the width of
18 this room in diameter. It showed where the
19 animals and everything couldn't get in there to
20 eat what's inside the circle. So it was really
21 growing inside that fence. Outside it was
22 eaten down to the ground. It wasn't anything
23 on the outside.

24 After something like that would you
25 just -- Tim, have y'all talked about how you

1 would let things grow back after they get in
2 and cut down.

3 BY MR. RITTER:

4 I was a wildlife biologist but I'm certainly
5 not an expert on forestry. From what I
6 understand, this actually might be beneficial
7 to the health of our forest. In a lot of ways
8 the forest might be too thick and it takes a
9 long time for it to get to a healthier stage
10 where some of those weedier vegetation species
11 are that we've got out there. Those are a lot
12 of the things that you guys would be
13 preferentially cutting out, and so that should
14 actually be beneficial for us, because we don't
15 want things like invasive species out there.
16 It's a lot easier and cheaper I feel like for
17 the contractors to take out like these invasive
18 shrubs than obviously cutting some big
19 beautiful oak tree. I don't want them to do
20 something like that. It seems like it's going
21 to be beneficial for us from talking with
22 experts, but I'm not an expert on forestry so.

23 BY MR. HAYES:

24 Y'all don't cut trees for wood.

25 BY MR. RITTER:

1 No.

2 BY MR. HAYES:

3 It just grows and --

4 BY MR. RITTER:

5 The trees are cut if they're a hazard for
6 safety reasons.

7 BY MR. HAYES:

8 It's not a -- it's not a national forest?

9 BY MR. RITTER:

10 Right.

11 BY MR. HAYES:

12 It's not a state forest. It's just there for
13 people to enjoy.

14 BY MR. LIVERMORE:

15 That was an update for all of the projects
16 where we have some remedy that has been
17 recommended for those projects. There are two
18 other projects. I'll give you a quick update
19 on those as well. Nothing has changed on this.

20 Project 12 on your figure is sort of blue
21 purple -- the Gas Chamber and Cantonment AOPs.
22 There was no further action that was
23 recommended for those areas. They didn't find
24 anything in those areas. So that project is
25 moving forward as far as no further action.

1 Then the last project that was created in
2 regards to the delineation of these new
3 projects that were added to Project 13, the
4 green circle up in the kind of northeast corner
5 of the figure, that is Grenade Court. That's
6 an area where we, Corps of Engineers, never
7 received access to that area during the
8 remedial investigation and so we have no
9 information moving forward. Basically, the
10 remedial investigation recommended that some
11 type of investigation be done in the future
12 once access is permitted.

13 BY MR. HERZOG:

14 What sits on it?

15 BY MR. LIVERMORE:

16 I think there's a business there. I'm not
17 sure. I have not had any interaction with that
18 property.

19 BY MR. HERZOG:

20 Can you get an address?

21 BY MR. LIVERMORE:

22 I'm sure we can.

23 BY MR. HERZOG:

24 Get me an address and I'll look it up and see
25 who owns it.

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BY MR. HAYES:

What's there above that Project 12?

BY MR. LIVERMORE:

I don't know to be honest. It's one of those
AoPIs that falls underneath that nomenclature
as far as the Project Gas Chamber and
Cantonment AoPIs. So I'm not sure exactly what
specifically may have been there as far as an
activity when the installation was active.
Again, we have to look at the remedial
investigation in order to --

BY MR. HAYES:

Project 12 and everything, they'll be
educational signage?

BY MR. LIVERMORE:

Well, we don't know what the remedy could be.
It could be --

BY WENDELL HARDWICK:

Project 12 there will be no further action.

BY MR. LIVERMORE:

I'm sorry, I thought you were talking about
Project 13. Project 12 is no further action.

BY MR. HAYES:

Above Project 12 there's a Project 3 up there,

1 Range Complex.

2 BY MR. LIVERMORE:

3 Project 03 was one of the ones I first
4 discussed. Project 03 and 05, public
5 education.

6 BY MR. HAYES:

7 Is that the golf course up there?

8 BY MR. LIVERMORE:

9 Yes.

10 BY MR. HAYES:

11 Are they going to do more work there?

12 BY MR. LIVERMORE:

13 No. Public education is what is recommended
14 for that area.

15 BY MR. HAYES:

16 Can you talk about the availability of funds
17 and things now? I've been hearing all kind of
18 things.

19 BY MR. LIVERMORE:

20 I will defer to my colleague. To be honest, he
21 knows more about that than I do.

22 BY WENDELL HARDWICK:

23 I'm Wendell Hardwick.

24 Last year we requested a certain dollar
25 amount of funds to be awarded on a contract

1 this year. I won't name those because there
2 might be people in the audience that really
3 would like to know how much we have available.
4 We've also, because of your congressional
5 delegation's interest, asked for additional
6 moneys to be available or on standby for
7 plus-up. I feel confident that the end of
8 March once we get the proposals in we'll finish
9 the evaluations and the negotiations. We'll
10 award a contract. It will be for a substantial
11 amount of money. I can't tell you how much but
12 y'all will be pleased.

13 BY MR. HAYES:

14 That's March of this year?

15 BY WENDELL HARDWICK:

16 March of this year. The request for proposals
17 went out yesterday. Thirty days have been
18 given to the contractors to submit their
19 proposals and because of the interest --
20 because of the deadlines that I'm under, I've
21 got the commitments from my other Corps
22 brethren to try to get to the point of award on
23 March 31st. They're going to try to do that.

24 At that point once I have a negotiated
25 price, I'll ask for the funding and it will be

1 up to the decision-makers of the Corps.
2 Hopefully it will be given to me before the end
3 of the quarter. They're committed to getting
4 this contract awarded this year.

5 I met with representatives from
6 headquarters last week. Camp Croft is number
7 three on the top ten list for the FUDS program
8 which is all due to the hard work of
9 Mr. Herzog. So I am not worried about
10 securing funding this year.

11 Once we have the negotiated pricing on all
12 nineteen of the different areas that
13 incorporate that twelve hundred and
14 seventy-seven acres, we can talk to the State
15 Park Service about the plan to award those
16 options going forward in a way that facilitates
17 their park operations, and we can program the
18 dollars accordingly.

19 We don't want to award all of it up front
20 because there's not a contractor out there that
21 can do all of it in a single year. We're going
22 to do this incrementally and orderly in a
23 fashion that will help facilitate their park
24 operations, their forestry management plan, and
25 hopefully it will get some of the community

1 members who are reluctant to provide rights
2 entry an opportunity to see what it will look
3 like on their property once we get an
4 opportunity to remediate the MEC on their
5 location.

6 Does that answer your question?

7 BY MR. HAYES:

8 It did. How much does all of it -- there was a
9 dollar amount on all of it.

10 BY WENDELL HARDWICK:

11 So last year before we went out to the first
12 set of proposals, last year we tried to
13 accomplish this. The estimate from the
14 original feasibility studies for all of the
15 former Camp Croft was just under twenty-seven
16 million, or just over twenty-six million which
17 is probably the figure you saw in the paper
18 this week. When we requested proposals last
19 year. Because we're trying to use advanced
20 geophysical classification, the dollar values
21 have increased substantially. I can tell you
22 that all of the projects together are estimated
23 to be about a hundred and sixty-two million
24 dollars to remediate at this point. I'm not
25 going to give you the specifics on the

1 particular acquisition we're doing now.

2 BY MR. HAYES:

3 So I have people, you know, saying, "Oh, we're
4 getting twenty-five million dollars." I said I
5 hadn't heard that.

6 BY WENDELL HARDWICK:

7 That's not an accurate statement. We know what
8 the current estimate is based on the technology
9 we asked the contractors to use, and they've
10 come down and looked at the terrain and at the
11 time that they gave us their estimates we were
12 trying to achieve the unlimited use,
13 unrestricted exposure. We're not trying to do
14 that now with input from South Carolina DHEC.
15 They've told us all along they thought that was
16 unachievable because we have infrastructure in
17 the form of utility lines, growths, cuts and
18 fills, the camping pad, stables to the
19 buildings, historic sites, and some trees.

20 So we went back and we looked at it after
21 we got the original proposals last year, and we
22 now concur that SC DHEC was correct and that we
23 were trying to achieve something that's
24 probably not achievable. So we backed off a
25 little bit. Got the decision documents signed

1 with the new remedy, not trying to achieve
2 UU/UE but to maximize the use of advanced
3 geophysical classification to remediate what we
4 can, and then use public education in the
5 event there's something underneath the building
6 or underneath the road that will eventually
7 find its way up during a construction project
8 or something along those lines. Or it there's
9 something underneath a tree.

10 If we got an anomaly under a champion
11 tree, we don't want to take out the champion
12 tree. We'll note that and let the state park
13 know that at some point in the future if the
14 tree passes and they need to take it down,
15 there might be an anomaly underneath it.

16 BY MR. HAYES:

17 You can't find a hundred percent all of it out
18 there.

19 BY WENDELL HARDWICK:

20 If we had a hayfield out there, no trees, no
21 infrastructure, we could run this machine over
22 it and we could tell you exactly what it was to
23 a specific depth, diameter of the munition, and
24 be able to tell you with confidence what it is
25 before we dig it up, show it to you, blow it up

1 and move on. At the end we've achieved UU/UE.
2 If you've been out to the park you've seen the
3 vegetation, you've seen the terrain, the
4 gullies, the washes and all that. This
5 equipment is fantastic on flat terrain, but at
6 a certain incline it can't be maneuvered. So
7 we prefer the geophysical classification, but
8 where they're going to be in the gullies
9 they're going to have to use the classic
10 Schonstedt to listen to the beep and decide if
11 there's an anomaly they need to dig.

12 BY MR. HAYES:

13 Is there a lot of kudzu?

14 BY WENDELL HARDWICK:

15 It will be a reduction in the kudzu problem.

16 BY MR. HAYES:

17 So March is --

18 BY WENDELL HARDWICK:

19 March is my deadline to have a negotiated
20 contract price, and headquarters is
21 anticipating me asking for the funds to award
22 the base contract and then possibly add some
23 options based on where the pricing falls and
24 the dollars that I have available.

25 BY MR. HAYES:

1 So work would be started when?

2 BY WENDELL HARDWICK:

3 I'm not going to speak to that yet because
4 there's lots of documentation that has to be
5 done post award. The schedule has to be worked
6 out. We'll award this so there has like a
7 four-year period of performance, is that
8 correct, five-year period of performance. So
9 it could start sometime after award, but I'm
10 not going to guess at how soon.

11 Once we start doing work we'll work until
12 we're done because we'll have programmed
13 dollars to do this incrementally. Our goal is
14 to do it as quickly as possible because Croft 7
15 is one of many projects associated with the
16 former Camp Croft. I've revealed the total
17 value of all these projects and it's going to
18 take awhile. You know, if we tried to do it
19 all at one time, one, contractors can't do it
20 all at one time. And, two, we'd suck up the
21 bulk of the FUDS budget for any one fiscal
22 year.

23 BY MR. HAYES:

24 Anybody have any questions?

25 BY JOHN DYAS:

1 I have one question. John Dyas from the
2 sheriff's department.

3 Part of that funding, when you talk about
4 remediation you're going to clear some of it.
5 I mean there's no doubt about that just because
6 of the nature of what you have to do. Does
7 some of that funding include reseeding
8 or anything like that?

9 BY WENDELL HARDWICK:

10 Right now with Project 7 we have not discussed
11 doing any sort of planting with the
12 contractors. We've going to remove the native
13 vegetation, and then we'll let nature
14 regenerate itself. Right now we've cut up that
15 twelve hundred and seventy-seven acres into
16 nineteen polygons so that we can -- and they
17 range in size from a hundred acres down to
18 about twenty acres, I believe. The last
19 polygon we cut out was right around the stables
20 and the campgrounds and the park office so that
21 when the park service is ready to allow us to
22 treat that area, they can shut down the
23 reservation system and -- far enough in
24 advance. We go in and do it real quick, be
25 done with it. Go back to it.

1 The rest of it will be up to Matt Lawson
2 to manage it from there going forward. Matt's
3 the resource manager of park services.

4 BY MR. RITTER:

5 It still sounds like to me that it's actually
6 healthy if we do have to remove anything. Our
7 forest is too dense. So some people might pay
8 good money to have, you know, the forest -- the
9 health of the forest. So any action that they
10 would do should actually be beneficial as far
11 as I've heard.

12 BY WENDELL HARDWICK:

13 Any more questions?

14 BY MR. HERZOG:

15 I've got your number.

16 BY WENDELL HARDWICK:

17 I know.

18 BY MR. HAYES:

19 Thank you.

20 BY NANCY DUNN:

21 Nancy Dunn.

22 Specifically, our congressman who took
23 office a year ago who lives in Greenville, he
24 took Mr. Gowdy's position when Mr. Gowdy
25 stepped down, the project was discussed with

1 him, and he started calling the Corps of
2 Engineers. Some of us met with him about a
3 month ago on a different subject up in
4 Washington, and he brought up his interest in
5 the project and he is a younger person, very
6 outdoorsy, and he was very interested in making
7 this seven thousand acre park once again a park
8 for this community like it used to be long ago.

9 What he did was he spoke with all the
10 other congressmen in South Carolina and
11 discussed the matter with them. And of course
12 the state wanted this park cleaned up, it's a
13 state park, and hoped for. The deal is that
14 you have to express interest as congressmen in
15 a project, and then you have to get other
16 congressmen to help you with it.

17 So for the first time in 2019 a
18 congressman in South Carolina did this for our
19 community, for us, so that our kids can play
20 there like kids used to forty years ago and
21 enjoy that park. Yes, it's twenty-seven
22 million and it may take more but this is a
23 start.

24 BY MR. HAYES:

25 When kids got to play there forty years ago

1 they didn't know anything was there. I
2 remember when I was growing up we had a
3 countywide camping weekend down there or
4 something, and the troops were everywhere,
5 troops from all over came down there. Some of
6 those places where they did find munitions were
7 parts of the campgrounds and stuff. We went in
8 the woods and dig a hole and build a fire.
9 They could have built it on top of a mortar or
10 something and didn't know it, but there weren't
11 any injuries.

12 A lot of people did find like knives that
13 went on the end of a rifle for a bayonet. We
14 found all kind of things. Jimmy Tobias is here
15 and he knows when we were growing up around
16 Camp Croft pools. We'd find stuff out in the
17 woods all the time. It's just amazing what has
18 been found and, you know, Littlejohn -- me and
19 -- Mr. Littlejohn was killed but as far as we
20 know that's the only person that's been killed
21 by munitions. We were lucky, real lucky. As
22 little kids we'd find a hand grenade and we'd
23 throw it up against a tree and try to get it to
24 blow up. We didn't know any different.

25 This has got the word out. We appreciate

1 all y'all did contacting -- it's Timmons,
2 right?

3 BY NANCY DUNN:

4 Yes. His name is William Timmons. He's young,
5 probably about thirty-eight years old.

6 BY MR. HAYES:

7 We appreciate y'all contacting him.

8 Anybody got anymore questions on that?

9 You have some old business?

10 BY MR. LIVERMORE:

11 I've already touched on it, public education
12 tools, and so I had mentioned the items that we
13 have in the back of the room. Those are some
14 of the public education tools that we drafted
15 at this point, and we are still discussing them
16 internally and with the park service as well as
17 far as the size of the signs maybe, and the
18 content of the signs and location of where they
19 will be installed on the park property.

20 So certainly you're welcome to look at
21 those after the meeting. But that -- just
22 identify that's the work that's in progress as
23 far as that public education piece, the remedy
24 on the park.

25 BY MR. HAYES:

1 We have a couple of extra maps like this if
2 anybody heard us talking about it and don't
3 know what we're talking about.

4 BY MR. LIVERMORE:

5 I do have several so I can hand those out after
6 the meeting.

7 BY MR. HAYES:

8 Okay. Anybody got anything they want to bring
9 up for the next meeting, the May -- it's the
10 first?

11 BY MS. ROTTERO:

12 May 7th. First Thursday, May 7th.

13 BY MR. HAYES:

14 Wouldn't the first Thursday be the first?

15 BY MS. ROTTERO:

16 I believe the 7th of May, the first Thursday.

17 BY MR. HAYES:

18 Okay.

19 BY MR. LIVERMORE:

20 It would be the seventh.

21 BY MR. HAYES:

22 Anything to add for tonight? Any questions?

23 Board, anything to add? Any questions?

24 BY MR. HERZOG:

25 No.

1 BY MR. HAYES:

2 You got a motion to adjourn?

3 BY MR. HERZOG:

4 So moved.

5 BY MR. HAYES:

6 Thanks for coming out.

7 (Board meeting concluded at 7:35 p.m.)

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